

TECHNICAL DATA SHEET

PENOSIL PlasterSeal 650

PlasterSeal is a lightweight ready-to-use compound specially developed for filling gypsum board joints. Product is tested according to EN 13963 and meets the requirements of CE marking 4A. That means being able to use as a tapeless jointing compound.

- No need to use reinforcement tapes
- Very low shrinkage
- Very high crack resistance
- Quick drying
- Sandable
- Paintable

Fields of application

- For filling and finishing of gypsum board joints and plastering of screw heads in plasterboard systems.
- Can be used without reinforcement tapes on tapered, half-rounded tapered and half-rounded factory gypsum board edges

Adhering

- Gypsum boards
- Masonry
- Wood
- Treated metals

Application instructions

Application conditions

Application temperature between +10°C and +40°C.

Surface preparation

The surfaces must be dry, clean from dust, loose particles and oil. Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Solvent excess should be removed before evaporating with a clean cloth.

Application method

Room and surface temperature must be at least +10 °C.

The gypsum wall surface should be stable, dry, firm, clean, and even. It should meet all requirements provided by gypsum board producer. Joint between two gypsum boards must be 2-4 mm. Remove any existing release agents, paste or paper residue, make sure that the joints and gypsum board surface is dust free. In case there is a need of using two layers of gypsum boards then joints of the first layer must be filled with PlasterSeal as well.

After substrate's preparation fill the joint using small putty knife and press the filler into the joint firmly by moving the putty knife across the joint. Remove excess filler with wider putty knife.

The joint treated with PlasterSeal can be sanded, plastered and painted after drying in 4-6 hours.

The consumption rate to fill tapered factory edge and half-rounded tapered factory edge is 0,2 l/m.

Cleaning

Uncured product can be removed with water or with Penosil Cleaning Wipes.

Cured acrylic should be first removed mechanically and then with a moist cloth.

Technical data

Properties	Value	Unit
Basis	Acrylic	
Consistency	Non-slump paste	
Density (DIN 53 479-B)	0,4	g/ml
Tack free time	<10	min
Skin forming time	4...6	min
Loss of volume (ISO 10563)	3...5	%
Resistance to flow (ISO 7390)	0	mm
Application temperature	+10...+40	°C
Service temperature	+5...+75	°C
Shelf life	24	months
Shore A hardness (ISO 868)	70	

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

Technical classification and certificates

- EN 13963:2005: Type 4A

Colour

White.

Package

5 litre bucket.
16 litre bucket.

Storage conditions and shelf life

Guaranteed shelf life 24 months from the manufacturing date when stored in closed original package in a dry place at temperatures between +5 °C and +30 °C. Avoid freezing and temperatures over +30 °C.

Limitations

- PlasterSeal is not suitable for gypsum boards with a beveled cut edge or mixed edge.
- Not suitable in application constant contact with water and damp or wet conditions.
- Avoid using on bituminous and tar-containing substrates.
- Not suitable for moveable joints.
- Avoid using on substrates that bleed oils and plasticizers.
- Best not to use with untreated metals due to oxidation risk.
- Due to the wide variety of possible substrates, we recommend a preliminary compatibility and adherence test.
- Due to the wide variety of influences during and after application, the customer must always test the product first.
- Observe the expiration date!

Safety regulations

Ensure sufficient ventilation during application and wear necessary personal protective equipment. More specific safety information is available on the safety data sheet (SDS).

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice. This TDS replaces and supersedes all previous data sheets on the same product.